

“(i) by electronic means that meet the accessibility requirements under section 18(a)(7) of the Office of Federal Procurement Policy Act (41 U.S.C. 416(a)(7)); or

“(ii) by the Secretary of Commerce in the Commerce Business Daily.

“(B) The Secretary of Commerce shall promptly publish in the Commerce Business Daily each notice or announcement received under this subsection for publication by that means.”; and

(3) in paragraph (3)—

(A) in the matter preceding subparagraph (A), by striking “furnish a notice to the Secretary of Commerce” and inserting “publish a notice of solicitation”; and

(B) in subparagraph (A), by striking “by the Secretary of Commerce”.

(d) PERIODIC REPORTS ON IMPLEMENTATION OF ELECTRONIC COMMERCE IN FEDERAL PROCUREMENT.—Section 30(e) of the Office of Federal Procurement Policy Act (41 U.S.C. 426(e)) is amended—

(1) in the first sentence, by striking “Not later than March 1, 1998, and every year afterward through 2003” and inserting “Not later than March 1 of each even-numbered year through 2004”; and

(2) in paragraph (4)—

(A) by striking “Beginning with the report submitted on March 1, 1999, an” and inserting “An”; and

(B) by striking “calendar year” and inserting “two fiscal years”.

(e) EFFECTIVE DATE; APPLICABILITY.—The amendments made by this section shall take effect on October 1, 2000. The amendments made by subsections (a), (b), and (c) shall apply with respect to solicitations issued on or after that date.

Subtitle B—Information Technology

SEC. 811. ACQUISITION AND MANAGEMENT OF INFORMATION TECHNOLOGY.

(a) RESPONSIBILITY OF DOD CHIEF INFORMATION OFFICER RELATING TO MISSION CRITICAL AND MISSION ESSENTIAL INFORMATION TECHNOLOGY SYSTEMS.—Section 2223(a) of title 10, United States Code, is amended—

(1) by striking “and” at the end of paragraph (3);

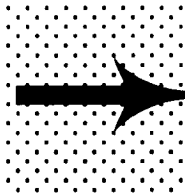
(2) by striking the period at the end of paragraph (4) and inserting “; and”; and

(3) by adding at the end the following:

“(5) maintain a consolidated inventory of Department of Defense mission critical and mission essential information systems, identify interfaces between those systems and other information systems, and develop and maintain contingency plans for responding to a disruption in the operation of any of those information systems.”.

(b) MINIMUM PLANNING REQUIREMENTS FOR THE ACQUISITION OF INFORMATION TECHNOLOGY SYSTEMS.—(1) Not later than 60 days after the date of the enactment of this Act, Department of Defense Directive 5000.1 shall be revised to establish minimum planning requirements for the acquisition of information technology systems.

(2) The revised directive required by (1) shall—



(A) include definitions of the terms “mission critical information system” and “mission essential information system”;

(B) prohibit the award of any contract for the acquisition of a mission critical or mission essential information technology system until—

(i) the system has been registered with the Chief Information Officer of the Department of Defense;

(ii) the Chief Information Officer has received all information on the system that is required under the directive to be provided to that official; and

(iii) the Chief Information Officer has determined that there is in place for the system an appropriate information assurance strategy; and

(C) require that, in the case of each system registered pursuant to subparagraph (B)(i), the information required under subparagraph (B)(ii) to be submitted as part of the registration shall be updated on not less than a quarterly basis.

(c) **MILESTONE APPROVAL FOR MAJOR AUTOMATED INFORMATION SYSTEMS.**—The revised directive required by subsection (b) shall prohibit Milestone I approval, Milestone II approval, or Milestone III approval (or the equivalent) of a major automated information system within the Department of Defense until the Chief Information Officer has determined that—

(1) the system is being developed in accordance with the requirements of division E of the Clinger-Cohen Act of 1996 (40 U.S.C. 1401 et seq.);

(2) appropriate actions have been taken with respect to the system in the areas of business process reengineering, analysis of alternatives, economic analysis, and performance measures; and

(3) the system has been registered as described in subsection (b)(2)(B).

(d) **NOTICE OF REDESIGNATION OF SYSTEMS.**—(1) Whenever during fiscal year 2001, 2002, or 2003 the Chief Information Officer designates a system previously designated as a major automated information system to be in a designation category other than a major automated information system, the Chief Information Officer shall notify the congressional defense committees of that designation. The notice shall be provided not later than 30 days after the date of that designation. Any such notice shall include the rationale for the decision to make the designation and a description of the program management oversight that will be implemented for the system so designated.

(2) Not later than 60 days after the date of the enactment of this Act, the Chief Information Officer shall submit to the congressional defense committees a report specifying each information system of the Department of Defense previously designated as a major automated information system that is currently designated in a designation category other than a major automated information system including designation as a “special interest major technology initiative”. The report shall include for each such system the information specified in the third sentence of paragraph (1).

(e) **ANNUAL IMPLEMENTATION REPORT.**—(1) The Secretary of Defense shall submit to the congressional defense committees, not later than April 1 of each of fiscal years 2001, 2002, and 2003,

a report on the implementation of the requirements of this section during the preceding fiscal year.

(2) The report for a fiscal year under paragraph (1) shall include, at a minimum, for each major automated information system that was approved during such preceding fiscal year under Department of Defense Directive 5000.1 (as revised pursuant to subsection (b)), the following:

(A) The funding baseline.

(B) The milestone schedule.

(C) The actions that have been taken to ensure compliance with the requirements of this section and the directive.

(3) The first report shall include, in addition to the information required by paragraph (2), an explanation of the manner in which the responsible officials within the Department of Defense have addressed, or intend to address, the following acquisition issues for each major automated information system planned to be acquired after that fiscal year:

(A) Requirements definition.

(B) Presentation of a business case analysis, including an analysis of alternatives and a calculation of return on investment.

(C) Performance measurement.

(D) Test and evaluation.

(E) Interoperability.

(F) Cost, schedule, and performance baselines.

(G) Information assurance.

(H) Incremental fielding and implementation.

(I) Risk mitigation.

(J) The role of integrated product teams.

(K) Issues arising from implementation of the Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance Plan required by Department of Defense Directive 5000.1 and Chairman of the Joint Chiefs of Staff Instruction 3170.01.

(L) Oversight, including the Chief Information Officer's oversight of decision reviews.

(f) DEFINITIONS.—In this section:

(1) The term "Chief Information Officer" means the senior official of the Department of Defense designated by the Secretary of Defense pursuant to section 3506 of title 44, United States Code.

(2) The term "information technology system" has the meaning given the term "information technology" in section 5002 of the Clinger-Cohen Act of 1996 (40 U.S.C. 1401).

(3) The term "major automated information system" has the meaning given that term in Department of Defense Directive 5000.1.

SEC. 812. TRACKING AND MANAGEMENT OF INFORMATION TECHNOLOGY PURCHASES.

(a) IN GENERAL.—(1) Chapter 131 of title 10, United States Code, is amended by adding at the end the following new section:

"§ 2225. Information technology purchases: tracking and management

"(a) COLLECTION OF DATA REQUIRED.—To improve tracking and management of information technology products and services by